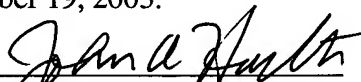


CERTIFICATE OF EXPRESS MAILING

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John A. Hamilton
Reg. No. 48,946

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Michael E. Mack
Application Serial Number: N/A
Filed: Herewith

Examiner: N/A
Group Art Unit: N/A

For: SYSTEM FOR AND METHOD OF GAS CLUSTER ION BEAM PROCESSING

PERKINS, SMITH & COHEN, LLP
One Beacon Street
Boston, MA 02108
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To: Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement (Form PTO-1449) (including copies of references) is submitted under 37 CFR 1.97(b).

REMARKS

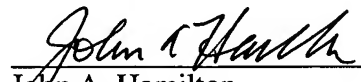
Applicant submits herewith an Information Disclosure Statement under 37 CFR 1.97(b).

The following information is presented in the event that a call may be deemed desirable by the Examiner:

JOHN A. HAMILTON (617) 854-4000.

Respectfully submitted,
Michael E. Mack, Applicant

Dated: September 19, 2003

By: 
John A. Hamilton
Reg. No. 48,946
Attorney for Applicant

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Modified) PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(37 CFR 1.98(b))

ATTY. DOCKET NO.
11460-127 US

SERIAL NO.

APPLICANT
Michael A. Mack

FILING DATE

9/19/03

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,814,194	9/29/98	Deguchi et al	204	192.1	10/12/95
	5,959,305	9/28/99	Mack et al	250	492.21	6/19/98
	6,331,227	12/18/01	Dykstra et al	156	345.1	12/14/99
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	2002/0130275 A1	9/19/02	Mack et al.	250	492.1	12/26/01

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

		Forrester, A. Theodore, LARGE ION BEAMS, pp. 33-41, John Wiley & Sons, NY, 1988

EXAMINER DATE CONSIDERED